



INSTRUCTION

RMRS/OPS-INSTR.038 Revision 0

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RCRA & TSCA UNITS PRE-SHIPMENT VERIFICATIONS

Approved:

Responsible Manager

USE CATEGORY 3

This procedure is performed as written and need <u>not</u> be in hand for the performance of the described tasks.

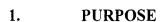
This procedure is available at a known location for reference.

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The purpose of this instruction is to provide administrative operational controls addressing inventory constraints for hazardous materials within Resource Conservation Recovery Act, Toxic Substance Control Act (RCRA, TSCA) and 90 Day storage areas identified in this instruction.

2. SCOPE

- This administrative instruction is limited to the following RCRA Units: 1, 10, 13, 15A, 24, 18.03, 18.04, 90-Day Accumulation Areas and TSCA Unit 5002 (Building 666 and Building 666 cargo's)
- The controls in this instruction appear as independent appendices that are derived from the RCRA Permit and 40 CFR 761 and are presented on a unit by unit basis.
- A separate appendix is provided for 90-Day area receipts.

NOTE: A "group" is an array of waste crates that does not exceed a total of 8.4 grams Pu.

Nominally, thirteen crates if assay values unknown.

3. LIMITATIONS

- Groups of radioactive wooden waste crates in outside storage in a RCRA/TSCA unit SHALL be at least 30 feet from other groups of crates or materials in the unit.
- The facility inventory of each RCRA and/or TSCA Unit **SHALL** not exceed the amount and type allowed by the permit for that unit.
- RCRA and TSCA Units within the scope of this instruction SHALL not accept TRU/TRM wastes.
- 90-Day Accumulation Areas SHALL be established per 1-D65-HWRM-09, Management of 90-Day Accumulation Areas.

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4. INSTRUCTIONS/RESPONSIBILITIES

4.1 Shipper

- SHALL complete and submit a Verification Worksheet to the associated RCRA/TSCA Custodian for the specific unit to which waste is to be shipped.
- Shipper **SHALL** provide complete and accurate information appropriate to each waste package to be shipped prior to shipment.
- Shipper **SHALL** legibly print their name, sign and legibly enter their employee (man) number on Verification Worksheets prior to sending the worksheets to the receiving Unit Custodians.
- Verification Worksheets **SHALL** be provided to Unit Custodians no less than 24 hours prior to a shipment.
- Prior to shipment ensure RMRS Customer Service has approved acceptance of each waste package, if applicable.
- Prior to shipment, verify that no unacceptable containers (as reported back by the Unit Custodians) are scheduled for transfer to a RCRA/TSCA Unit.
- Attach a WEMS accuracy report for each container in a shipment.
- Provide shipping paperwork for each container.
- TSCA PCB containing waste packages **SHALL** have an out of service date written on the waste package.

4.2 Unit Coordinator:

- SHALL verify shippers data on Verification Worksheets agrees with WEMS accuracy report prior to approval of each shipment.
- SHALL circle YES or NO in the last column of the Verification Worksheet to accept or deny approval to ship each container.
- SHALL verify that the contents of each shipment do not cause an excess total capacity or liquid capacity and are of allowed waste types as specified in each Unit specific RCRA/TSCA Permit.
- SHALL verify that receiving the contents of any shipment into a unit do not cause a non-compliant condition to occur, such as storage of non-compatible waste.

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- Although the RCRA Permit identifies Transuranic Mixed Waste (TRM) as an acceptable
 waste form, the Unit Coordinator will verify that no TRM is accepted into the
 RCRA/TSCA Units as listed in this instruction.
- SHALL manage all waste packages listed with an L or B in Column 6 as a liquid.
- SHALL use the Verification Worksheets to determine the storage location within a RCRA/TSCA Unit of accepted waste.
- Contact the Shipper to inform them of any non-compliant or unacceptable package.

5. RECORDS

Record Type	Record Type	Protection/Storage	Processing Instructions
	Determination	Method	
Verification Worksheets	In process record.	Protect from loss while in use.	Shipper completes all sections, then forwards to Unit Custodian.
Verification Worksheets	In process record.	Protect from loss during review.	Unit Custodian reviews information and accepts or declines containers.
Verification Worksheets	RCRA Operating Record	Maintain in a reasonably secure location such as a file cabinet.	File in the Operating Record for the associated RCRA/TSCA Unit. Process according to RM-06.02, Record Identification, Generation and Transmittal.
Unit 5002 Inventory Control Worksheet	TSCA Operating Record	Maintain in a reasonably secure location such as a file cabinet.	File in the Operating Record for the associated RCRA/TSCA Unit. Process according to RM-06.02, Record Identification, Generation and Transmittal

6. REFERENCES

- 1-D65-HWRM-09, Management of 90-Day Accumulation Areas
- 1-T93-Traffic-110, Onsite Transportation of Hazards and Radioactive Materials Manual
- 40 CFR 761, Code of Federal Regulations
- RCRA Permit and Compliance Documents

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Appendix 1

RCRA Unit Verification Worksheet Instructions

Note 1: Shipper completes all white sections, Unit Custodian completes all shaded sections of Verification Worksheets.

Note 2: Abbreviations are acceptable, such as Y for yes and N for no.

Column 1 Enter the six-digit container number.

Column 2 Enter "yes" if the container has passed RTR, "no" if it has failed RTR inspection. If the waste package has failed RTR provide a copy of RF47001, RTR Waste Package Report

Column 3 Enter the EPA Code(s) of the container number entered into Column 1.

IF the container has several EPA Codes,

THEN enter as shown in Appendix 2 (Example.)

Column 4 Enter YES, if gram value of the container number entered into column 1 is less or equal to 15 grams of U235 or depleted uranium.

Enter NO, if gram value of the container number entered into column 1 is greater than 15 grams of U235. Waste packages containing greater than 15 grams of U235 cannot be received unless it is U235 associated with depleted uranium.

Column 5 Enter the Capacity in gallons of the Waste package to be shipped. (Full crates = 830 gallons, half crates = 415 gallons.)

Column 6 Enter S if the material to be shipped is a solid, L if a liquid, B if both. "B" is entered when the waste is packaged as a solid, however, due to a known presence of free liquid or a potential for free liquid to accumulate and leach from the waste matrix secondary containment is required during storage. When a B is entered, write the gallons of liquid within the container such as B 5.

Column 7 Enter the following abbreviations for the waste type (including asbestos or PCB containing waste) being shipped. Enter: P/RE number if Hazardous, LLW if Low Level Waste, LLM if Low Level Mixed Waste, LLT if Low Level TSCA, TSC if Toxic Substance Control Act materials. IF the waste also contains asbestos enter ASB for asbestos and/or PCB for polychlorinated biphenyl's. (There may be more than one waste type per waste package.)

Column 8 Enter the Compatibility Code. (There may be more than one CC per waste package.)
Column 9 Enter P if contents are Peroxide Forming Materials and/or R if contents are Reactive Materials or NA if Not Applicable.

Column 10 Enter Yes if the waste package has been backlog reassessed, No if not or WGI if packaged per a Waste Generation Instruction **OR** if Customer Service accepted the package.

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Column 11

If the waste package meets On Site or DOT Shipping Requirements enter Yes, if not enter No. Customer Service acceptance of a waste package can be credited as meeting DOT Requirements. For any legacy waste compliance is established through notification that requirements in 1-T93-Traffic-110, Onsite Transportation of Hazards and Radioactive Materials Manual are satisfied for the given waste.

- If waste package is a Waste Chemical, provide a Waste Chemical Traveler Addendum with the Verification Sheet(s). Shipper completes the Liquid Volume to be shipped. (add up volume of liquid from Column 5)
- Shipper completes the total volume to be shipped. (sum of Column 5.)
- Shipper prints name, provides signature and employee number in appropriate locations.
- Shipper provides the completed Verification Worksheet to the Unit Custodian at least 24 hours prior to shipment.
- Shipper provides additional information or comments as needed on a separate sheet.

Column 12 RCRA/TSCA Unit coordinator circles acceptance or rejection of package.

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SHIPPING DATE:	
(Requires 24 hrs prior notice)	V
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APPENDIX 2

rification Worksheet (EXAMPLE)

All boxes must have an entry. Receiver completes shaded section. Shipper completes all others. If package is a waste chemical, attach Waste Chemical Program Traveler Addendum.

Acceptable EPA Waste Codes: D001-D012, D015-D030, D033, D035-D043, F001-F003, F005-F009, F027, "P" Series and "U" Series.

Per Code(s) S18 Capacity Liquid, Waste CC Peroxide Has the waste Waste package Coming enter Package been Package Capacity Capa	Passed EPA Code(s) \$\leqsign{center}{\sumething{c}} \frac{\text{Fundide}}{\text{RTR}} \frac{\text{Fundide}}{\text{RTR}} \frac{\text{Code(s)}}{\text{RTR}} \frac{\text{SIND}}{\text{RTR}} \frac{\text{RTR}}{\text{RTR}} \frac{\text{RTR}}{R	_	2	3	4	S	9	7	œ	3 4 5 6 7 8 9	10		1,2	
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DATE:	
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(Requires 24 hrs prior notice)	
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From Building (Jocation)	

APPENDIX 3

Verification Worksheet

All boxes must have an entry. Receiver completes shaded section. Shipper completes all others. If package is a waste chemical, attach Waste Chemical Program Traveler Addendum.

Acceptable EPA Waste Codes: D001-D012, D015-D030, D033, D035-D043, F001-F003 F005-F000 F027 "P" Saria

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Page of	Unit 10
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Il boxes must have an entry. Receiver completes aded section. Shipper completes all others. If ackage is a waste chemical, attach Waste hemical Program Traveler Addendum.

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> Verification Worksheet APPENDIX 5 Unit 18.03 (Requires 24 hrs prior notice)
> Page of Of From Building (location) SHIPPING DATE: DATE:

All boxes must have an entry. Receiver completes shaded section. Shipper completes all others. If package is a waste chemical, attach Waste Chemical Program Traveler Addendum.

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APPENDIX 6 /erification Worksheet

Unit 13

All boxes must have an entry. Receiver completes shaded section. Shipper completes all others. If package is a waste chemical, attach Waste Chemical Program Traveler Addendum.

Solid to Both Type CC Peroxide Has the waste Waste package Fithis w	-	2	3	4	2	9	7	20	6	9	=	_	12	
1735 or 1735	Waste	Passed	EPA Code(s)	15	Capacity	Liquid,	Waste	၁၁	Peroxide	Has the waste	Waste packa	ge	Is this w	vaste
Applied Parkage (and galons HAZ, LLW, relation Parkage (and galons LAM, LLT, relation Parkage	package	RTR?		gram of	of Waste	Solid, or Both	Type		forming enter	package been	meets On Site		packag	ige 1
VESINO TSC enter NA WCI #. YES NO YES 1 YES NO YES NO YES NO YES 1 YES NO YES NO YES NO YES 1 YES NO YES NO YES NO YES 1 YES NO YES NO YES NO YES 1 YES NO YES NO YES NO YES 1 YES NO YES NO YES NO YES NO 1 YES NO YES NO YES NO YES NO 1 YES NO YES NO YES NO YES NO 1 YES NO YES NO YES NO YES NO 1 YES NO YES NO YES NO YES NO 1 YES NO YES NO YES NO YES NO 1 YES NO YES NO YES NO YES NO 1 YES NO YES NO YES NO YES NO YES NO 1		YES/NO		depleted uranium.	Package (gallons)	(and gallons with Bs)	HAZ, LLW, LLM, LLT,		Material enter	reassessed?	Req?		Receip	ne 10r pt?
YES NO				YES/NO	9	(600	TSC,		enter NA	WGI#.	ONIGHT			
YES NO								,				H	l	S S
YES NO			* The state of the											NO NO
YES NO													YES	NO NO
VES NO YES NO														NO
PES NO YES NO														NO
YES NO														ON
YES NO														NO NO
YES NO Initial Acceptance of this unit? YES NO Initial Acceptance of this unit. YES NO Initial A														90
YES NO YES NO YES Not the Unit Liquid Capacity Signature Sig														NO NO
YES NO Initial Acceptance of this unit? YES NO Initial ACCEPTER NO Initial ACCEPTER SIGNATURE SIGNATU														NO NO
ribute Gallons to the Unit Liquid Capacity ribute Gallons to the Unit Maximum Capacity condition for this unit? YES NO Initial RECEIVER SHIPPER Signature Signature Familovee (man) number														NO
ribute Gallons to the Unit Liquid Capacity ribute Gallons to the Unit Maximum Capacity condition for this unit? YES NO Initial SHIPPER SHIPPER SHIPPER SHIPPER SHIPPER SHIPPER SIGnature Signature Finalloyee (man) number													١.	NO
ribute Gallons to the Unit Liquid Capacity ribute Gallons to the Unit Maximum Capacity SHIPPER PH/Pager/Fax														ON
Signature Signature Signature Employee (man) number	This ship: This ship:	ment will con ment will con		Gallons to th	o the Unit Lı e Unit Maxir	iquid Capacity num Capacity	Will accepts condition fo	ance of this r this unit?	shipment exceed YES NO	permitted capacit	y or cause a no	on-com	oliant	
PH/Paoer/Fax				SHIPPER						RECEIVER				
(man) #: PH/Pager/Fax	Submitte	ed by (print					Vel	rified by (print)					
PH/Pager/Fax	Signatur	e .					Sig	nature						T
	Employe	e (man) #:		PH/Pager/Fax	ах		Em	nployee (m	ian) number					

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DATE:	
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(Requires 24 hrs prior notice)	>
Page of	
From Building (location)	

erification Worksheet APPENDIX 7

Unit 24

All boxes must have an entry. Receiver completes shaded section. Shipper completes all others. If package is a waste chemical, attach Waste Chemical Program Traveler Addendum.

Acceptable EPA Waste Codes: D002, D004, D006-D011, F001-F003, F005-F007, and F009.

1	2	3	4	S	9	7	∞	6	10		1,
Waste	Passed	EPA Code(s)	× 15	Canacity	Linnid	Waste	ري	Domowide	II and the second	, , ,	
nackage	RTR?		gram of	J. J. C.	Solid or Both	T. B.	ر د	a nivora	nas the waste	waste package	Is this waste
Number			11235 or	Weste	Tooling, or Bound	Type		lorming enter	package been	meets On Site or	package
	VES/NO		denleted	Pachada	(L, 3, D)	HAZ LIW		F, Keacitve	backlog waste	DOT Shipping	acceptable for
			uranium.	(gallons)	with Re)	LLM, LLT,		Material enter	reassessed?	Keq?	Receipt?
			YES/NO	()		TSC,		enter NA	WGI#.	I ES/NO	
										YES NO	YES NO
										YES NO	YES NO
										YES NO	YES NO
										YES NO	YES NO
										YES NO	YES NO
										YES NO	YES NO
										YES NO	YES NO
										YES NO	YES NO
										YES NO	YES NO
										YES NO	YES NO
										YES NO	YES NO
										YES NO	YES NO
										YES NO	YES NO
This shipm This shipm	This shipment will contribute This shipment will contribute		Gallons to Gallons to th	Gallons to the Unit Liqui Gallons to the Unit Maximun	Gallons to the Unit Liquid Capacity allons to the Unit Maximum Capacity	Will acceptance of this shipm condition for this unit? YES	mce of this r this unit?	shipment exceed YES NO	permitted capacit	Will acceptance of this shipment exceed permitted capacity or cause a non-compliant condition for this unit? YES NO Initial	mpliant
			SHIPPER						RECEIVER		
Submitted	Submitted by (print)	t)				Ver	Verified by (print)	print)			
Signature						Sign	Signature				,
Employee (man) #:	; (man) #:_	<u> </u>	PH/Pager/Fax	ax		Em	ployee (m	Employee (man) number			
		•									

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DATE: SHIPPING DATE: Observing 34 but arrive action	APPENDIX
) in o	APPENDIX
	Verification Wor
Page of	
From Building (location)	Unit 18.04

n Worksheet NDIX 8

All boxes must have an entry. Receiver completes shaded section. Shipper completes all others. If package is a waste chemical, attach Waste Chemical Program Traveler Addendum.

Acceptable EPA Waste Codes: D004-D009, D011, D022, D027-D029, D035, D039, D040, D043, F001-F003, F005-F007, F009. F039

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DATE:	
SHIPPING DATE:	APPENDIX 9
(Requires 24 hrs prior notice)	Verification Worksheet
Page of	Unit 15A.
From Building (location)	

All boxes must have an entry. Receiver completes shaded section. Shipper completes all others. If package is a waste chemical, attach Waste Chemical Program Traveler Addendum.

P024, P027-P030, P048, P051, P059, P074, P077, P087, P092, P093, P098, P101, P104-P106, P108, P113, P116,, P119, P121, P123, U002-U004, U007-U009, U012, U018, U019, U022, U027, U028, U039, U031, U034, U035, U037, U041-U044, U047, U048, U059, U053, U055-U057, U063, U067-U073, U077-U084, U088, U098, U101-U103, U105-U108, U112, U113, U112, U113, U122, U123, U123, U123, U127, U131, U134, U137, U138, U144, U147, U148, U151, U154, U159, U162, U165, U166, U169, U169, U170, U173, U179, U188, U190, U191, U201, U201, U202, U204, U207-U211, U213-U220, U225-U228, U238, U338, U358, U353, U353, U367, U201, U202, U204, U207-U211, U213-U220, U225-U228, U238, U238, U358, U353, U359. Acceptable EPA Waste Codes: D001-D012, D015-D019, D021-D029, D033, D035-D043, F001-F003, F005-F007, F009, F027, P002, P003, P005, P010-P012, P014-P016, P018, P022,

site Passed EPA Code(s) 2-15 Capacity Liquid, Waste CC Feroxide Liquid, Waste RTR? Liquid, Waste RTR? Liquid, Waste CC Feroxide forming enter of Solid, or Both Type Comming enter of Solid, or Both Gapleted Package (and gallons LLM, LLT, R, otherwise nurshing with Bs) LLM, LLT, R, otherwise nurshing will contribute Gallons to the Unit Maximum Capacity Condition for this unit? YES Not shipment will contribute Gallons to the Unit Maximum Capacity Condition for this unit? YES Not shipment will contribute Gallons to the Unit Maximum Capacity Condition for this unit? YES Not shipment will contribute Gallons to the Unit Maximum Capacity Condition for this unit? YES Not shipment will contribute Gallons to the Unit Maximum Capacity Condition for this unit? YES Not shipment will contribute Gallons to the Unit Maximum Capacity Condition for this unit? YES Not shipment will contribute Capacity Condition for this unit? YES Not shipment will contribute Capacity Condition for this unit? YES Not shipment will contribute Capacity Condition for this unit? YES Not shipment will contribute Capacity Capacity Condition for this unit? YES Not shipment will capacity C	7 8 9 1 10 11 11 12	forming enter package been meets On Site or package been meets On Site or packlog waste DOT Shipping accept Req? R, otherwise YES/NO OR YES/NO enter NA WGI#.	YES NO YES NO	Will acceptance of this shipment exceed permitted capacity or cause a non-compliant condition for this unit? YES NO Initial	RECEIVER	Verified by (print)									
ode(s) < 15 Cap gram of U235 or W depleted Pac uranium. (gal YES/NO YES/NO Gallons to the Callons to the Uni SHIPPER	5 6	Liquid, Solid, or Both (L, S, B) (and gallons with Bs)													
	1, 0202, 0204, 0207-0211, C	<15 gram of U235 or depleted uranium. YES/NO										Gallons to the Gallons to the Uni	SHIPPER		

Employee (man) number

PH/Pager/Fax

Employee (man) #:

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Appendix 10

90 Day Area Verification Worksheet Instructions

Note 1: Shipper completes all white sections, Unit Custodian completes all shaded sections of Verification Worksheets.

Note 2: Abbreviations are acceptable, such as Y for yes and N for no.

Note 3: Any column information that is not yet known enter TBD.

Column 1 Enter the six-digit container number.

Column 2 Enter the Accumulation Start Date (ASD), (example 3/21/99).

Column 3 Enter the EPA Code(s) of the container number entered into Column 1.

IF the container has several EPA Codes,

THEN enter as shown in Appendix 2 Example.

Column 4 Enter YES, if gram value of the container number entered into column 1 is less or equal to 15

grams of U235 or depleted uranium.

Enter NO, if gram value of the container number entered into column 1 is greater than 15 grams of U235. Waste packages containing greater than 15 grams of U235 cannot be received unless it is U235 associated with depleted uranium.

Column 5 Enter the Capacity in gallons of the Waste package to be shipped. (Full crates = 830 gallons, half crates = 415 gallons)

Column 6 Enter S if the material to be shipped is a solid, L if a liquid, B if both. "B" is entered when the waste is packaged as a solid, however, due to a known presence of free liquid or a potential for free liquid to accumulate and leach from the waste matrix secondary containment is required during storage. When a B is entered, write the gallons of liquid within the container such as B 5...

Column 7 Enter the following abbreviations for the waste type (including asbestos or PCB containing waste) being shipped. Enter Non, if Non-Hazardous, Haz if Hazardous, LLW if Low Level Waste, LLM if Low Level Mixed Waste, LLT if Low Level TSCA, TSC if Toxic Substance Control Act materials. IF the waste also contains asbestos enter ASB for asbestos. There may be more than one per waste package.

Column 8 Enter the Compatibility Code. There may be more than one per waste package.

Column 9 Enter type of container waste is packaged in, i.e. box, bag, drum, crate.

- Shipper completes the Liquid Volume to be shipped. (use data from Column 5)
- Shipper completes the total volume to be shipped. (use data from Column 5.)
- Shipper prints name, provides signature and employee number in appropriate locations.
- Shipper provides the completed Verification Worksheet to the Unit Custodian at least 24 hours prior to shipment.
- Column 10 If the waste package meets On Site or DOT Shipping Requirements enter Yes, if not enter No.
- Column 11 RCRA/TSCA Unit coordinator circles acceptance or rejection of package.

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APPENDIX 11 Verification Worksheet 90 Day Accumulation Area	DATE: SHIPPING DATE: (Requires 24 hrs prior notice) Page of Of December 1975
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cation Worksheet PPENDIX 11

All boxes must have an entry. Receiver completes shaded section. Shipper completes all others. If package is a waste chemical, attach Waste Chemical Program Traveler Addendum.

Acceptable EPA Waste Codes: D001-D012, D015-D019, D021, D021, D022, D033, D035-D043, F001-F003, F005-F009, F027, F039 & all P and U listed EPA Waste Codes.

Acceptable El A	Maste Coues.	1 2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4	5	6	6 7 8 9 10	8	9	Near Er A v	o O	=	
Container Number	Enter The ASD	EPA Code(s)	< 15 gram of U235 or depleted uranium.	Capacity of Waste Package	Liquid, Solid, or Both (L, S, B) (and gallons	Waste Type (NON, HAZ, LLW, LLM, TSC, & ASB))	၁	How is the waste packaged? (box, bag,	Container meets On Site or DOT Shipping Req? YES/NO	er meets or DOT g Req? /NO	Is this container acceptable for Receipt?	ainer e for
			YES/NO		with Bs))			drum, crate)				
									YES	ON	YES	NO NO
									YES	ON	YES	NO
					i				YES	ON	YES	NO NO
									YES	ON	YES	NO
									YES	ON	YES	NO
									YES	ON	YES	NO
									YES	ON	YES	NO
									YES	ON .	YES	NO NO
									YES	ON	YES	ON
									YES	NO	YES	NO NO
									YES	ON	YES	NO
									YES	ON	YES	NO
									YES	ON	YES	NO
This shipment will contribute This shipment will contribute	will contribu will contribu	9	Gallons to Unit Liquid Capacity Gallons to Unit Maximum Capacity	l Capacity Capacity	Will acceptance of for this unit? YES	Will acceptance of this shipment exceed permitted capacity or cause a non-compliant condition for this unit? YES NO Initial	t exceed pen Initial	mitted capacity	or cause a	non-compl	iant condition	_
		SHIPPER	ER					RECEIVER				
Submitted by (print)	' (print)	•				Verified by (print)						1
•	!					•						

Employee (man) number

PH/Pager/Fax

Employee (man) #:

Signature

Signature

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Appendix 12

TSCA Unit 5002 Verification Worksheet Instructions

Note 1: Shipper completes all white secu	ions, Unit Custodian completes all shaded sections of
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Verification Worksheets.

Note 2: Abbreviations are acceptable, such as Y for yes and N for no.

Column 1	Enter the six-digit container number.
Column 2	Enter YES if the container has been through RTR, NO if it has not been through RTR.

		-	_
Column 3	Enter YES if gram value of	of the container number entered into	column 1 is less than 15 grams of

U235.

Enter NO if gram value of the container number entered into column 1 is greater than 15 grams

of U235. Column 4

Column 4 Enter the Capacity in gallons of the Container to be shipped.

Column 5 Enter S if the material to be shipped is a solid, L if a liquid, B if both.

Column 6 Enter the following abbreviations for the waste type (including asbestos or PCB containing waste) being shipped. Enter Non, if Non-Hazardous, Haz if Hazardous, LLW if Low Level Waste, LLM if Low Level Mixed Waste, TSC if Toxic Substance Control Act materials. IF the waste also contains asbestos enter ASBF for friable asbestos, ASBN for Non-friable asbestos

and/or PCB for polychlorinated biphenyl's. (There may be more than one abbreviation per waste

package.)

Column 7 Enter the Compatibility Code. (There may be more than one per waste package.)

Column 8 Enter the out of service date, month/day/year. (example; 3/21/98)

Column 9 If the waste package meets On Site or DOT Shipping Requirements enter Yes, if not enter No.

Column 10 TSCA Unit 5002 Coordinator circles acceptance or rejection of package and provides acceptance or rejections information to the shipper.

- If waste package is a Waste Chemical, provide a Waste Chemical Traveler Addendum with the Verification Sheet(s).
- Shipper prints name, provides signature and employee phone and fax numbers in appropriate locations.
- Shipper provides the completed Verification Worksheet to the Unit Custodian at least 24 hours prior to shipment.
- Receiver completes shaded section with name, signature and employee number.

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DATE:	The section of the se
SHIPPING DATE:	AFFENDIX 13
(Requires 24 hrs prior notice)	Verification Worksh
Page of	
From Building (location)	TSCA UNIT 5002

IX 13 Vorksheet

All boxes must have an entry. Receiver completes shaded section. Shipper completes all others.

\Box	r	_	Į –		Γ.	7	_	T	T	_	1	T	Г-	1
10	Is this container acceptable for Receipt?	S NO	YES NO	YES NO	S NO	ON S	S NO	S NO	S NO	-uo				
	Is this acce.	YES	YE	YE	YES	cause a no								
6	Container meets On Site or DOT Shipping Req?													capacity or c Initial
	Con On S Shij													ermitted on NO
8	Out of Service Date													nent exceed punit? YES
7	၁၁													f this shipn on for this
9	Waste Type (NON, HAZ, LLW, LLM, TSC, ASBF, ASBN, & PCB))													Will acceptance of this shipment exceed permitted capacity or cause a non-compliant condition for this unit? YES NO Initial
5	Liquid, Solid, or Both (L, S, B)													
7	Capacity of Container													
3	<pre><15 gram of U235? YES/NO</pre>													
2	RTR? YES/NO													
1	Container Number													
	0 ~													

RECEIVER	Verified by (print)	Signature	Employee (man) number
SHIPPER			PH/Pager/Fax_
	Submitted by (print)	Signature	Employee (man) #:

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Appendix 14

Unit 5002 Inventory & Capacity Controls Worksheet Instructions

NOTE 1: Steps 1-4 are initial inventory steps to provide a starting point for the inventory control program for Unit 5002. Steps 5-8 are performed for each segment whenever inventory changes.

NOTE 2.: This activity may take place on an Excel Spreadsheet or on a paper copy of the following appendix.

For each segment:

- 1. Enter the number of 55 gallon drums under the column "Inventory of 55 Gallon Drums". (this number should not be greater than the number allowed per segment as identified in the FSA.)
- 2. Enter the number of 5 gallon drums under the column "Inventory of 5 Gallon Drums". (this number should not be greater than the number allowed per segment as identified in the FSA.)
- 3. Enter the number of 10 gallon drums under the column "Inventory of 10 Gallon Drums". (this number should not be greater than the number allowed per segment as identified in the FSA.)
- 4. Enter the number of Crates under the column "Inventory of Crates". (this number should not be greater than the number allowed per segment as identified in the FSA.)

When inventory changes perform the following steps for each segment that has a change.

- 5. Increase or decrease the number of drums or crates to the appropriate waste package inventory column.
- 6. Multiply the number of drums or crates times the capacity of the waste container.
- 7. This number is added to the Total Unit Inventory (gal) column.
- 8. By subtracting the Total Inventory from the Maximum capacity the Available Capacity will result.
- 9. Enter the result of step 8 to the column Available Capacity.

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Appendix 15
Unit 5002 Inventory & Capacity Controls Worksheet

All units are in gallons.

	Max	Total Unit	Inventory of		Inventory of		
Segment	Capacity	Inventory	55 Gal	Inventory of	10 Gal		Available Capacity
Number	(gal.)	(gal.)	Drums	5 Gal Drums	Drums	Crates	(gal.)
	2210	1835	33	0	2		375
2	6160	9090	92		0		1100
3	1950	1650	30	0	0		300
4	6640	5810				7	830
5	1660	0				0	1660
6 (cargo 6)	2210	016	91	0	3		1297
7 (cargo 5)	2210	1715	31	0	1		494
8 (cargo 4)	2210	1685	29	0	6		516
9 (cargo 3)	2210	1880	34	0.	1		329
10	2210	10	0	0			2199
11 (cargo 1)	2210	016	91	0	3		1297
TOTAL	31880	21465			Total Available Gallons	e Gallons	10397

Activity: Shipped one 55 and one 10 gal drum out of Segment 1. Received one Crate into Segment 5.